

# CMS Simulation (LHE) 13 TeV

Fraction of events / 1 GeV

$pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$   
 $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$   
 $m_{\gamma_D} = 0.25 \text{ GeV}, c\tau_{\gamma_D} = 0.05 \text{ mm}$

— 1st neutralino  
— 2nd neutralino

0.045  
0.04  
0.035  
0.03  
0.025  
0.02  
0.015  
0.01  
0.005  
0

0

50

100

150

200

250

300

$p$  of  $n_1$  [GeV]

